

CLOSED CELL SPONGES



NO IFS, ANDS OR BUTS ABOUT IT, CLOSED CELL IS THE FUTURE OF POSITIONING SPONGES!

The facts speak for themselves:

- 100% radiolucent
- Artifact free
- Extreme durability
- Cleanable, non-porous surface
- Lightweight and comfortable

Frequently Asked Questions!

1) My facility requires coated sponges. Do closed cell sponges have a coating?

Closed cell sponges don't need a protective coating! Facilities typically require coated sponges because they can be cleaned and sanitized. Closed cell foam can be cleaned the same as a coated sponge!

Closed cell foam is also non-porous, meaning it will not absorb liquid. Other sponges require a "coating" to offer this since the inside or "core" is a standard, porous sponge. Closed cell foam will not absorb harmful or unsanitary liquids.

2) How do I clean and sanitize closed cell sponges in-between use?

You can clean closed cell foam just like a coated sponge. We highly recommend a non-bleach, low alcohol disinfecting solution. We also offer a variety of cleaning solutions that will work perfectly for any coated or closed cell sponge.

3) Will closed cell sponges show artifacts under x-ray?

No they won't! Extensive testing has shown that closed cell sponges are completely radiolucent and artifact free! Since closed cell does not require a chemical coating (see question 1), the edges will not show as an artifact under x-ray!

4) Why do closed cell sponges sometimes look used?

The manufacturing process for closed cell foam is very different than a traditional coated sponge. Coating is typically a chemical solution sprayed over a piece of foam (see question 1). This process creates an even and smooth surface. Closed cell sponges do not require coating to be non-porous. Without a coating, the outer layer can show smudges, nicks and other surface marks. We do not sell used sponges. Your closed cell sponge will always be brand new!

5) Why would I want closed cell instead of a coated sponge?

Closed cell sponges offer ALL of the benefits of a coated sponge and none of the drawbacks! Anytime you apply coating to a sponge, the sponge will show during imaging. It is important that technologists understand the difference between shadowing and artifacts. Shadowing happens when an item shows under imaging but does not create an unacceptable image. Artifacts occur when a positioning aid shows under imaging and disrupts the image taken.

For example, say you were imaging a patient's hand they slammed in a car door. If you placed their hand on the edge of a rectangular sponge to image it, you will more than likely see a line from the outer edge of coated sponge cut through the image of the hand. This is an artifact and an unacceptable image. If you used a hand sponge for the same image, if an artifact were to show through the forearm, this is an acceptable image. Since the forearm is not the extremity being imaged.

Closed cell sponges do not create artifacts, so you never have to worry about an unacceptable image! Closed cell sponges are also easy to clean, highly durable and sometimes cost less than a coated sponge! Closed cell sponges offer every benefit of a coated sponge with none of the drawbacks or concerns.

6) Closed cell sounds too good to be true. Why do people still use coated sponges?

Until recently, closed cell foam manufacturing was a very specialized and expensive process. Techno-Aide has helped innovate new and more efficient ways of manufacturing. This has allowed them to offer closed cell options cheaper than ever! This year they introduced their first stocked closed cell sponges and kits, and they are adding more every day.

7) All of my coated sponges are green. Will my closed cell sponges be green?

The green coating was a signature Techno-Aide color for their coated sponges. Since closed cell sponges do not require coating, they will not be green. All of the closed cell sponges come in a smooth charcoal gray color!